Ning Xie

List of Publications by Year
in descending order

68 papers	449 citations	932766 10 h-index	752256 20 g-index
68 all docs	68 docs citations	68 times ranked	268 citing authors

#	Article	IF	Citations
1	Detection of Information Hiding at Anti-Copying 2D Barcodes. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 437-450.	5.6	6
2	Privacy-Preserving Physical-Layer Authentication for Non-Orthogonal Multiple Access Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1371-1385.	9.7	10
3	Physical Layer Security in Distributed Antenna Systems Using One-Bit Feedback Information. IEEE Network, 2022, 36, 191-196.	4.9	1
4	Low-Cost Anti-Copying 2D Barcode by Exploiting Channel Noise Characteristics. IEEE Transactions on Multimedia, 2021, 23, 3752-3767.	5.2	7
5	Security Model of Authentication at the Physical Layer and Performance Analysis over Fading Channels. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 253-268.	3.7	21
6	Pilot-Based Physical-Layer Authentication with High Covertness. IEEE Wireless Communications, 2021, 28, 97-103.	6.6	7
7	Lightweight Secure Localization Approach in Wireless Sensor Networks. IEEE Transactions on Communications, 2021, 69, 6879-6893.	4.9	6
8	Physical-Layer Authentication Using Multiple Channel-Based Features. IEEE Transactions on Information Forensics and Security, 2021, 16, 2356-2366.	4.5	38
9	Improving the covertness in the physical-layer authentication. China Communications, 2021, 18, 122-131.	2.0	3
10	Physical-Layer Authentication in Wirelessly Powered Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1827-1840.	2.6	7
11	High Roll-Off Frequency Selective Surface With Quasi-Elliptic Bandpass Response. IEEE Transactions on Antennas and Propagation, 2021, 69, 5740-5749.	3.1	23
12	A Survey of Physical-Layer Authentication in Wireless Communications. IEEE Communications Surveys and Tutorials, 2021, 23, 282-310.	24.8	104
13	Low-Profile and High-Passband Roll-Off Frequency-Selective Structure Using Bent Waveguides. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2117-2121.	2.4	4
14	A Machine Learning Approach to Blind Multi-Path Classification for Massive MIMO Systems. IEEE/ACM Transactions on Networking, 2020, 28, 2309-2322.	2.6	5
15	Detection of Information Hiding at Physical Layer in Wireless Communications. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	3.7	3
16	Quantum algorithms for hash preimage attacks. Quantum Engineering, 2020, 2, e36.	1.2	7
17	Physical-Layer Authentication in Non-Orthogonal Multiple Access Systems. IEEE/ACM Transactions on Networking, 2020, 28, 1144-1157.	2.6	19
18	Resources Allocation at the Physical Layer for Network Function Virtualization Deployment. IEEE Transactions on Vehicular Technology, 2020, 69, 2771-2784.	3.9	2

#	ARTICLE	IF	CITATIONS
19	A Machine Learning Approach to Phase Reference Estimation With Noise. IEEE Transactions on Communications, 2020, 68, 2579-2592.	4.9	4
20	Spectrum Sharing in mmWave Cellular Networks Using Clustering Algorithms. IEEE/ACM Transactions on Networking, 2020, 28, 1378-1390.	2.6	2
21	Exploiting Cumulative Positive Feedback Information for One-Bit Feedback Synchronization Algorithm. IEEE Transactions on Vehicular Technology, 2018, 67, 5821-5830.	3.9	8
22	Slope Authentication at the Physical Layer. IEEE Transactions on Information Forensics and Security, 2018, 13, 1579-1594.	4.5	20
23	Blind Authentication at the Physical Layer Under Time-Varying Fading Channels. IEEE Journal on Selected Areas in Communications, 2018, 36, 1465-1479.	9.7	51
24	Multi-pair two-way relaying systems with physical layer network coding. Wireless Networks, 2018, 24, 195-208.	2.0	0
25	Statistics on the ratio of two products of arbitrary number of Nakagami-m variables and its application in wireless communications. IET Communications, 2018, 12, 1072-1078.	1.5	0
26	Position optimisation for multiple mobile relays by utilising one-bit feedback information. IET Communications, 2018, 12, 2266-2273.	1.5	0
27	CSVE radar: high-range-resolution radar using compressive sensing and virtual expanding technique. IET Radar, Sonar and Navigation, 2017, 11, 1002-1010.	0.9	2
28	Fast One-Bit Feedback Beamforming Algorithms with Stage-Threshold Mechanism. Wireless Personal Communications, 2017, 96, 4451-4466.	1.8	1
29	Position optimization for mobile relay by utilizing one-bit feedback information. , 2017, , .		0
30	Time-slotted interactive multiple-input multiple-output radar for phase synchronisation at target with low overhead. IET Radar, Sonar and Navigation, 2017, 11, 1435-1443.	0.9	0
31	High Resolution DOA Estimation Method in MIMO Radar. Wireless Personal Communications, 2016, 91, 219-236.	1.8	6
32	An Adaptive Backoff Algorithm Based on Channel Utilization for IEEE 802.11. Wireless Personal Communications, 2015, 83, 2965-2973.	1.8	4
33	Distributed DOA Estimation in Wireless Sensor Networks Using Randomized Gossip Method. , 2015, , .		0
34	A Low Complexity Subband Adaptive Filter with Two-Stage Decomposition. Wireless Personal Communications, 2015, 82, 2301-2309.	1.8	0
35	A game theoretic approach to balancing energy consumption in heterogeneous wireless sensor networks. Wireless Communications and Mobile Computing, 2015, 15, 170-191.	0.8	12
36	Phase synchronization at target in MIMO radar. , 2014, , .		1

#	Article	IF	Citations
37	Generalized selection combining with double threshold and performance analysis. Wireless Communications and Mobile Computing, 2014, 14, 56-63.	0.8	2
38	Generalized selection combining scheme with double threshold in the soft handover region. , 2014, 24, 71-74.		1
39	1–0–1 Cascaded Sigma–Delta Modulator with Internal Feedback. Wireless Personal Communications, 2013, 71, 1505-1510.	1.8	0
40	Adaptive Frequency-Domain Equalization with Narrowband Interference Suppression. Wireless Personal Communications, 2013, 70, 267-281.	1.8	1
41	Fast open-loop synchronization for distributed downlink beamforming. , 2013, , .		2
42	Fast open-loop synchronization for cooperative distributed beamforming. , 2013, , .		3
43	Multi-pair physical layer network coding with beamforming systems. , 2012, , .		2
44	A fast adaptive beamforming algorithm based on a simple DOA estimation method. International Journal of Wireless and Mobile Computing, 2012, 5, 221.	0.1	3
45	Adaptive Rake receiver based on the nonlinear ACM technique. Wireless Communications and Mobile Computing, 2012, 12, 268-276.	0.8	0
46	A new hybrid blind equalization algorithm with steady-state performance analysis. , 2012, 22, 233-237.		13
47	Broadband Frequency Invariant Beamformer. Wireless Personal Communications, 2011, 61, 143-159.	1.8	1
48	Locating the Optimal Sleep Window for Enhancing the Energy Efficiency of VoIP in WiMAX Systems: A Modified Analysis Model and Performance Evaluation. , 2011, , .		1
49	Generalized Switch-and-Examine Combining with an output threshold. , 2010, , .		1
50	A survey of finger assignment method for Rake receivers. , 2010, , .		2
51	A Nested Multistage Adaptive Beamformer with a Low Complexity Under the Correlated Signal Environment. Wireless Personal Communications, 2010, 52, 265-271.	1.8	1
52	Concurrent Dithered Signed-Error constant modulus algorithm (DSE-CMA) with Soft Decision Directed (SDD) scheme. , 2010, , .		0
53	A survey of broadband frequency invariant beamformer. , 2010, , .		1
54	Channel assignment schemes in Wireless Mesh Networks. , 2010, , .		4

#	Article	IF	Citations
55	Analysis and Improvements of the Constant Modulus Algorithm. , 2010, , .		0
56	An adaptive wideband antenna array receiver of low complexity. Wireless Communications and Mobile Computing, 2009, 9, 181-185.	0.8	0
57	Nonlinear optimization for adaptive antenna array receivers with a small data-record size. Wireless Communications and Mobile Computing, 2009, 9, 239-249.	0.8	2
58	Fast Blind Adaptive Beamforming Algorithm With Interference Suppression. IEEE Transactions on Vehicular Technology, 2008, 57, 1985-1988.	3.9	13
59	A New Frequency-Domain Equalization in Broadband Communications. , 2008, , .		0
60	A Fast Equalizer Algorithm Based on an Array Pattern Synthesis Technique. , 2008, , .		0
61	A nested multistage adaptive beamformer for wireless communications. , 2007, , .		0
62	A low complexity wideband antenna array receiver for wireless communications. , 0, , .		0
63	A Pattern Synthesis Algorithm Based on Adaptive Array Theory. , 0, , .		3
64	Improved V-BLAST System with Antenna Grouping. , 0, , .		1
65	An Adaptive Rake Receiver For Time Hopping Impulse Radio Ultra-Wideband Communications. , 0, , .		2
66	A New Nonlinear Beamformer for CDMA Wireless Communications. , 0, , .		0
67	A UWB Signal Design Method in Indoor Environment with Presence of Narrow-band Interference. , 0, , .		2
68	An Adaptive Nonlinear Rake Receiver in UWB Wireless Communications. , 0, , .		4